

FIG. 1

100

RECEIVER 120

FRAME RECEIVER 122

OVERHEAD
RECEIVER

OF FSBs

LOCATION OF FSBs

VALUE OF FSBs

BER

NON-SYNCH

SYNCH

124

PAYLOAD

DECODER

SYNCH

TRANSMITTER 102

FRAME GENERATOR 104

OF FSBs

LOCATION OF FSBs

VALUE OF FSBs

OVERHEAD
GENERATOR

106

PAYLOAD

110

ENCODER

112

134 → 116
132 → 114

FIG. 1

Superframe

| | | |
|-------|--------------|--------|
| OH 1 | Data Payload | Parity |
| OH 2 | Data Payload | Parity |
| OH 3 | Data Payload | Parity |
| OH 4 | Data Payload | Parity |
| OH 5 | Data Payload | Parity |
| OH 6 | Data Payload | Parity |
| OH 7 | Data Payload | Parity |
| OH 8 | Data Payload | Parity |
| OH 9 | Data Payload | Parity |
| OH 10 | Data Payload | Parity |
| OH 11 | Data Payload | Parity |
| OH 12 | Data Payload | Parity |
| OH 13 | Data Payload | Parity |
| OH 14 | Data Payload | Parity |
| OH 15 | Data Payload | Parity |
| OH 16 | Data Payload | Parity |

Frame 1

| | | |
|-------|--------------|--------|
| OH 17 | Data Payload | Parity |
| OH 18 | Data Payload | Parity |
| OH 19 | Data Payload | Parity |
| OH 20 | Data Payload | Parity |
| OH 21 | Data Payload | Parity |
| OH 22 | Data Payload | Parity |
| OH 23 | Data Payload | Parity |
| OH 24 | Data Payload | Parity |
| OH 25 | Data Payload | Parity |
| OH 26 | Data Payload | Parity |
| OH 27 | Data Payload | Parity |
| OH 28 | Data Payload | Parity |
| OH 29 | Data Payload | Parity |
| OH 30 | Data Payload | Parity |
| OH 31 | Data Payload | Parity |
| OH 32 | Data Payload | Parity |

Frame 2

| | | |
|-------|--------------|--------|
| OH 33 | Data Payload | Parity |
| OH 34 | Data Payload | Parity |
| OH 35 | Data Payload | Parity |
| OH 36 | Data Payload | Parity |
| OH 37 | Data Payload | Parity |
| OH 38 | Data Payload | Parity |
| OH 39 | Data Payload | Parity |
| OH 40 | Data Payload | Parity |
| OH 41 | Data Payload | Parity |
| OH 42 | Data Payload | Parity |
| OH 43 | Data Payload | Parity |
| OH 44 | Data Payload | Parity |
| OH 45 | Data Payload | Parity |
| OH 46 | Data Payload | Parity |
| OH 47 | Data Payload | Parity |
| OH 48 | Data Payload | Parity |

Frame 3

| | | |
|-------|--------------|--------|
| OH 49 | Data Payload | Parity |
| OH 50 | Data Payload | Parity |
| OH 51 | Data Payload | Parity |
| OH 52 | Data Payload | Parity |
| OH 53 | Data Payload | Parity |
| OH 54 | Data Payload | Parity |
| OH 55 | Data Payload | Parity |
| OH 56 | Data Payload | Parity |
| OH 57 | Data Payload | Parity |
| OH 58 | Data Payload | Parity |
| OH 59 | Data Payload | Parity |
| OH 60 | Data Payload | Parity |
| OH 61 | Data Payload | Parity |
| OH 62 | Data Payload | Parity |
| OH 63 | Data Payload | Parity |
| OH 64 | Data Payload | Parity |

Frame 4

Fig. 2

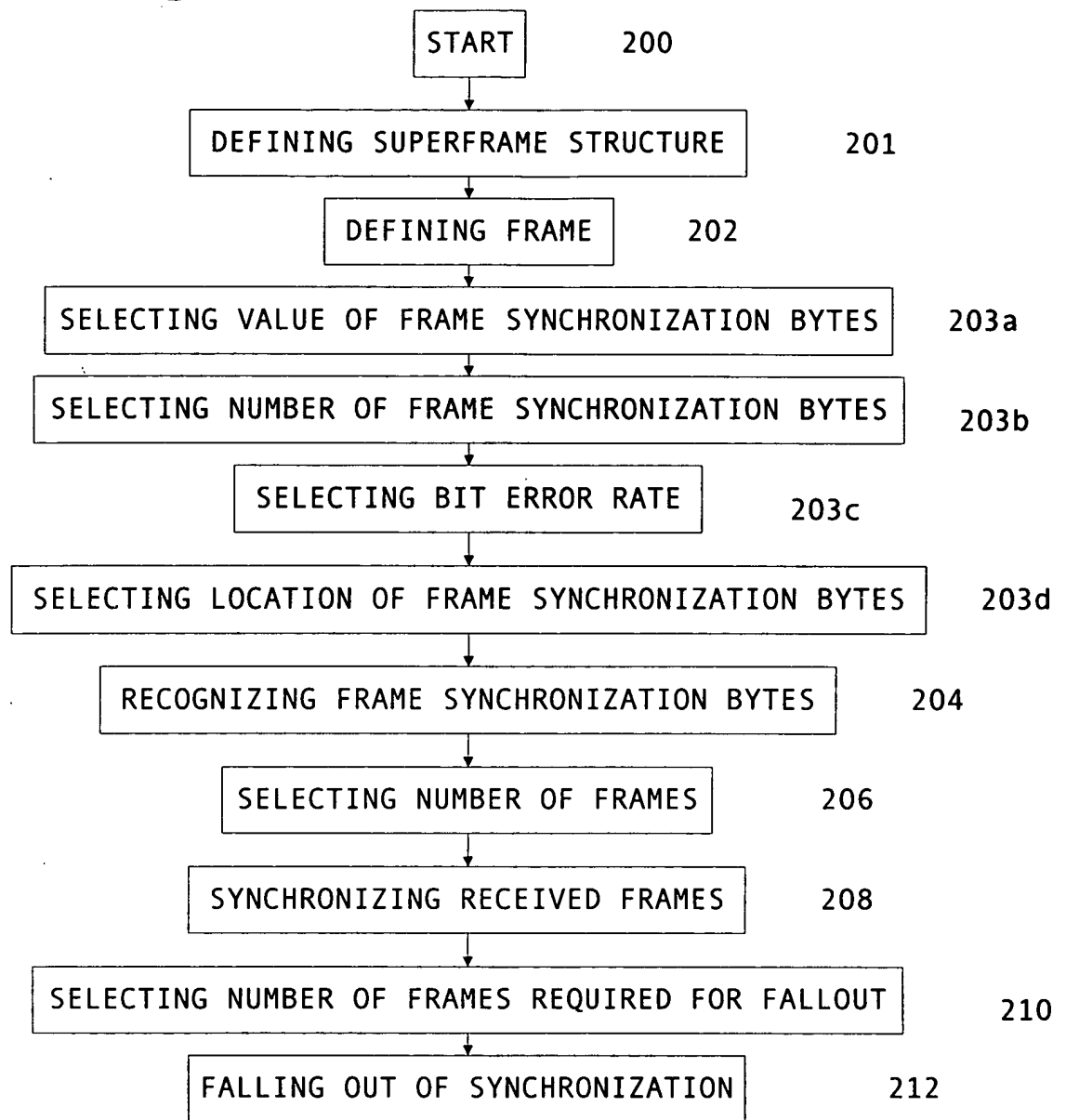


FIG. 3

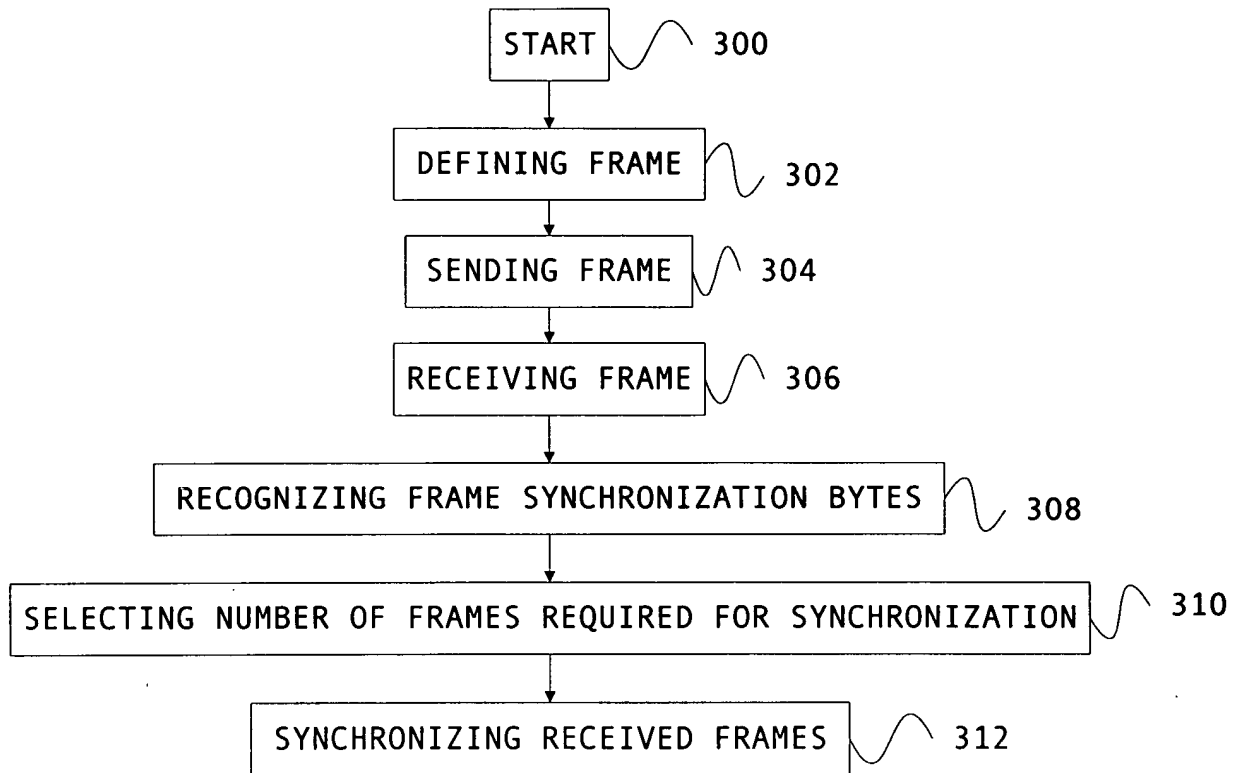


FIG. 4

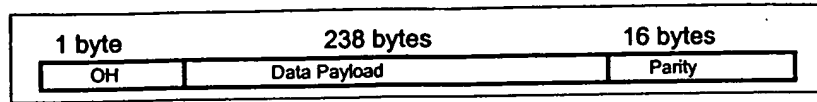


Fig. 5

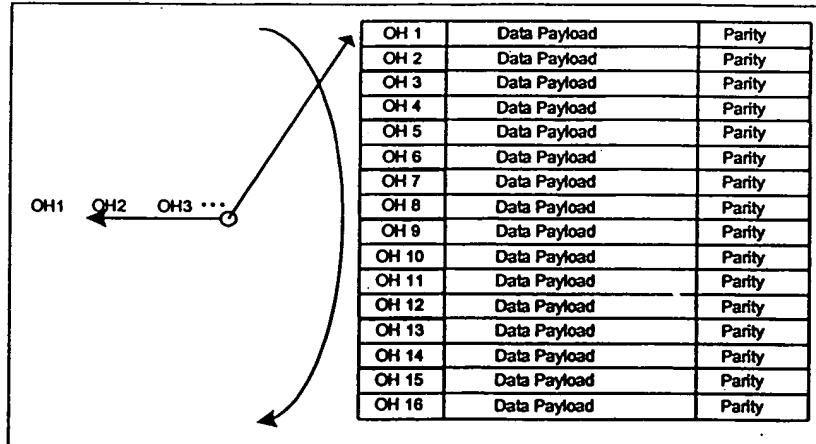


Fig. 6

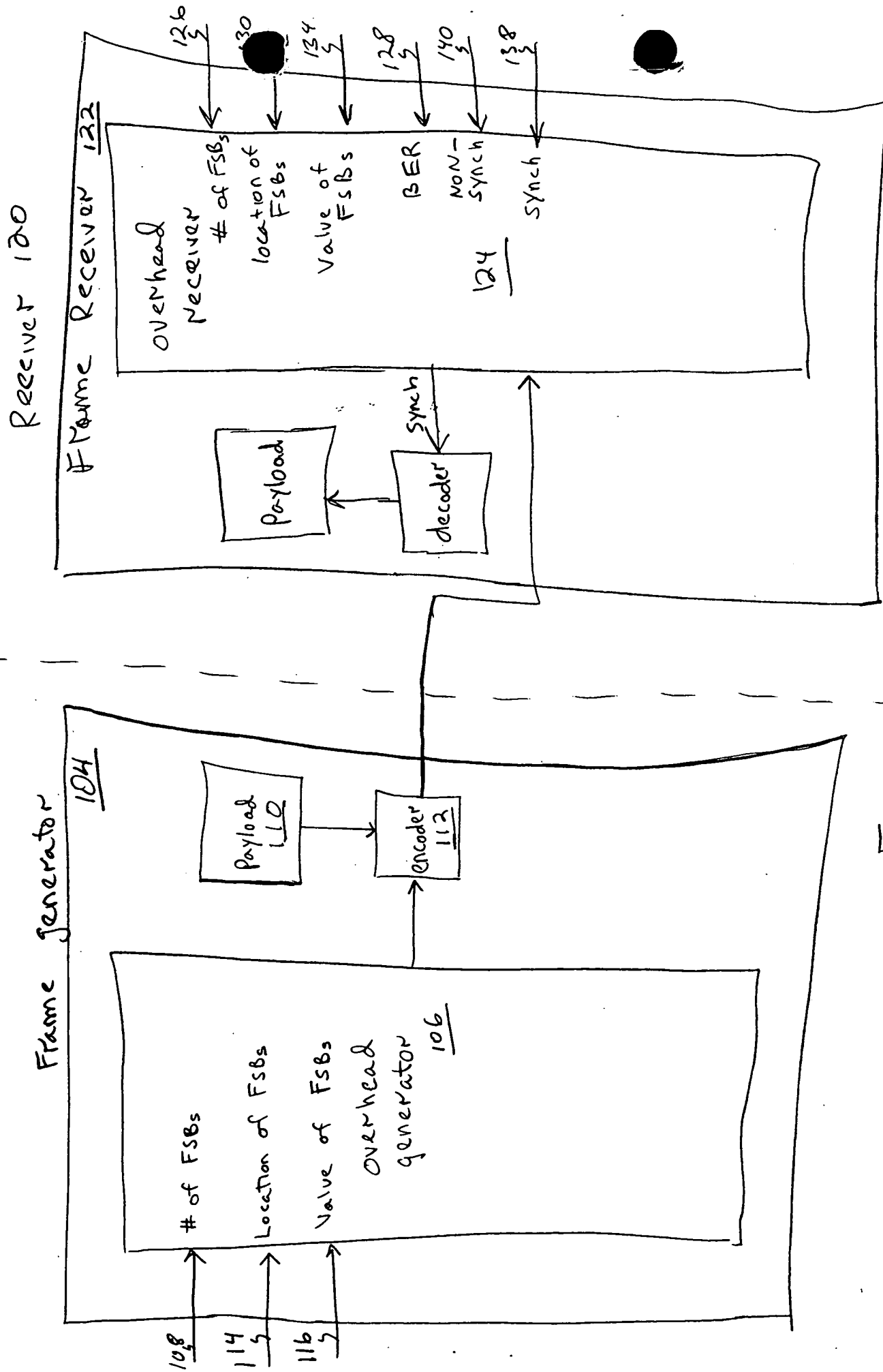


Fig. 1